G. R. S. IX-5]

Previous references.

mem 433 of 1914.

1929.

(Chengai)

File No. 433-19

Serial Nos 15 to 25

Later references. -1-2

GENERAL AND REVENUE SECRETARIAT.

Serial Nos. 11.

Part B for February 1922

SUBJECT.

Preservation of the images of the temples at Pachur and Pathalacheru

---

To. The Director of Ind. & Com. in Mysore

(25)

No. 4664 & 23-2-22

Has copy of letter from the Registrar, Mysore University, and requests to instruct the Industrial Chemist to do the needful in the matter.

WD 1888—GPB—16,926—22.7.21

W. A. Gaster
4/22

G. R. S. 11) 1921.

GENERAL AND REVENUE SECRETARIAT.

(Language)

NOTES.

File No. 433-19

FILE HEADING.

Preservation of the figures of the temples at Belur & Halebedu.

From

The Industrial Chemist in Mysore.

D.O No. 153. Dated 19.8.21 Received 19.8.21.

Diary No. 566. Enclos. — Spare Copies. — Serial No. 15

BRIEF ABSTRACT OF LETTER.

Request that Rs 500/- be placed at his disposal to make certain experiments regarding the question of preservation of the carved images at the temples of Belur and Halebedu, that the Amildar of the Belur Taluk be instructed to permit him to select some detached stone or image for experiment and afford him facilities to remove the same, and that Mr Bangalore and that Mr. Sampath Iyengar, Prof of Botany, Central College, be instructed to accompany him with a microscope during his enquiry visit to Belur &c to examine on the spot the moss or lichen growing on some of the images

C. P. O.

NOTES AND ORDERS.

NOTES—First Sheet.

In the concluding sentence of subsection iii of section 4 of paragraph 5 of G.O.No G.6065-105/G.M.194-17-6 dated the 16th Sept^r 1920 it is laid down that the cost of ~~maintenance~~ Conservation and maintenance of Museum institutions in service should be met from the funds of the institutions or from the provincial Museum Grant.

The institutions in question have no balance worth mentioning, and the charge of the experiments, viz Rs 500/- now asked for has to be met either from the current year's State Grant or from the interest on the General Museum Funds. There is only a sum of Rs 6145/- available for allotment from the current year's State Grant & hence the charge may perhaps be ordered to be met from—

G. R. S. III 21

General and Revenue Secretariat.

Mear File No. 483 of 19 Q.

Serial No.

Submitted on the General Enquiries
Fee-S.
Orders are required on the
following points
1) Grant of Rs 500/- for experimental purposes
2) The Source from which the Charge is to be met, and
3) ~~to~~ Directing the Sampath Kumaran to accompany the Secretariat to Belur & Halebeedu with a micro-lope.
Submitted for orders
C.S.
12/8/21. 12/8/21

Rs five hundred may be sanctioned from the State Funds, and the Rep. requested to depute the Sampath Kumaran for this work
First Member 12/8/21

231-104
23

Approved
Ras
22.8.21. 22/8/21

NOTE—Contn. sheet.

Secy Subd
Fin
23/8/21

56

G. R. S. III-21

General and Revenue Secretariat.

File No. 433 of 1919.

Serial No.

Before I/C a draft order, may the Education Secretary be consulted as to whether it would be convenient to depute Dr. M.S. Sampath Kumaran to help Mr. Sastry in conducting the necessary Experiments?

24/8/24

23/8/24

24/8/24

To the Education Secretary

The University authorities have to be consulted in this matter. The necessary enquiries may perhaps be made from Mr. Murrai Scott (688) 1924 24/8/24

Vide 26/8.

Secy (E & A.)

This work appears to be within the regular functions of the Industrial Chemist as the last two communications have not come to the Dir. of Ag. Before proceeding further it appears necessary to consult the Dir. at least to keep him

NOTE—Contn. sheet

x Draft order and a draft letter to the Regr. of the Madras University are however pending.

24/8/24

Q 632/24

G. R. S. III-21

General and Revenue Secretariat.

Mer File No. 4-33 of 19 21

Serial No.

nitiamed-

It will a remain to be necessary to ascertain the probable period of Sri Lumpat Kumar's absence & consult the Govt. as to his [illegible] & Baker & Mahadeo taking up the work-

Three days at the most

Ptd 3.9.21

Ku 2/8

DEWAN'S OFFICE. Recd. on AUG 29 1921 Reg. No. 1349

C...

Dewan

[illegible]

[illegible] Director of Agriculture [illegible] consult the Agricultural Chemist [illegible] to [illegible] Mahadeo Rao.

Ptd 29.8.21

Ku 31/8

1st Member)

The Arch. Chemist of the G. of I. was consulted & the result was discouraging. That is why the Ind. Chem. & the Director of Botany were consulted in the first instance & it is now proposed to get the Prof. of B.P. to give us the benefit of his advice as well. The first suggestion for the Ind. Chemist to was made by the Director Ag.

1591-11

1.9.21

DEWAN'S OFFICE. Recd. on SEP 6 1921 Reg. No. 1536.

Ptd 5.9.21

Dewan) 7/9

I have my doubt as to whether we may consult the Bot. Chemist here for this purpose & out of the limited [illegible] Agricultural Chemist

[illegible]

Ku 9.9.21

NOTE—Contn. sheet

G. R. S. III-2.

General and Revenue Secretariat.

File No. 437 of 19

Serial No

Second Inventory Ref 10/9/21

Secn. ——— orders vacancy, Stne asptes.

Sanpt appeared. File may be sent for the information of the Ch. Secy.

Rec'd 14 9 21

Chief Secretary's Ref 20/9/21

1812-222
12.9.21

noted in the State Grant Register
C.S. 23/9/21

16 To, Dr Hassan, Comptr, Surg. Supdt. Bridge and Canals No. 1574-7 dt 20.9.21 Sanctions the advance of Rs 500/- out of the State grant of the current year & states that separate action is being taken in the matter of the deputation of Dr Sampathkumaran for helping the Ind Chemist etc

17 Letter No C 831 dated 28th Sept 21 from the Director of Industries, and Commerce requesting forwarding of information Copies of Correspondence between himself and the officer in charge of the department of Ceramics and Ethnography British Museum Nomads on

NOTE—Contn. sheet.

G. R. S. III-21

General and Revenue Secretariat.

Rings File No. 433 of 1919.

Serial No.

in the matter the best way for preserving the carved images of the temples at Belur and Halebedu and state that the Industrial Chemist is prepared to undertake the cleaning of all the pearl jewelry of the temples at Nanjangud, Channarayapatna, Melkote and Seringapatam, if obtained, and that the cost of cleaning these may not go beyond a hundred rupees.

Submit for orders

C.C. 7/12/21

Ref Minister's letter

Ended 14-9-21.

Sent Secy

Secy returned with thanks

6

6/12/21

Return must be

NOTE—Contn. sheet.

1299 8

G. R. S. III-21

General and Revenue Secretariat. | File No. 433 of 1921

Serial No.

Taken as Urgent on 7
by 7/11/21

The Director of Industries states that the Industrial Chemist wants to conduct certain experiments on the efficacy of the acetates of cellulose and of Europrene in preserving the carved images in the temples at Bobo and Habbaladeu and requests that arrangement may be made to have certain images selected by him & sent over to him by the Assistant of the Bobo Mr. (and 12) to undertake to clean all the pearl jewellery of the temples at Wayinad, Chera vajiramyam, Nellikote and Seringapatam, if desired, and that the cost of the latter work is not likely to go beyond a hundred [illegible] Subs for orders

C.S. 9/11/21 9/11/21

NOTE—Contn. sheet.

9

3. III-

General and Revenue Secretariat.

File No. 433 of 1917

Serial No.	
	Application for appeal from my order if he still wants any order from Govt in respect of the Belur temple or if the said date 20 (illegible) is it
	Aff D.O. Sahib for appl C.S. 13/11/21 BG 13/11/21
	Issue. Keep on file Asst Secy. Pol. 14/11/21
18	To, The Secretary Chemical no 2483 dt. 17.11.21 Enquiries if the office wants any orders from Govt. or if the orders of date 20.9.21 would quite meet the requirement.
19	From the same Dated D.O. no 2392 dt 18-11-21 States that he has not yet received the earnest copy of the Belur temple [illegible]

NOTE—Contn sh

Put D.O. Sahib's [illegible] C.S. 19/11/21 BG 19.11.21 [illegible] 19/11/21

B. S. III-2]

General and Revenue Secretariat

File No. 433 of 1919.

Serial No.	
20	To. The Dy. Comm., Hassan Dt. D.O. Letter No. 2625 dt 23.11.21. Requests that the image Letters for the Industrial Chemist for experimental purposes may be sent early.
21	From The Director of I & C. in Mys one Letter No. G.C. 306 dt 12.1.22. States that the chemicals ordered from England are expected to arrive in Bangalore about the 3rd or 4th week of Jan. and that the images Letters for the Industrial chemist have not yet arrived in Bangalore. The procedure to be adopted by the Industrial chemist in conducting the experiments is also explained. When the required Report was at Belur last month, the auditor ~~told~~ said that the images ~~had been dispatched. Their non-arrival in Bangalore is now known to him.~~ A draft letter to the auditor is submitted for appl. or orders. dng 25/1/22 BL 25/1/22

Note—Contn. sheet

Issued vide Memo dt 25/1/22

R. S. III-2.

General and Revenue Secretariat.

Nuz File No. 433 of 1919-20

Serial No.	
22	D.O. letter no. & Jan: 22 to Mr. N. Subba Rao, Amildar, Belur Requests to send the urads to Bangalore, immediately In reply forward of the letter of the Director of Industries & Commerce. The Amildar, Belur has again been asked, to send the Rye selected urads to the Agricultural Chemist, Second Member. 26/1/22
3949-194 27.1.22	Seen Rao 25.1.22. 26/1/22

Mr. S.G. Sastry wrote that he would like to have the opinion of Dr. Sampathkumaran and requested that his services might be made available for a joint inspection.

A draft letter to the Registrar of the Mysore University enquiring whether his services could be lent for such period is put up for approval

NOTE—Contn. sheet

R. S. III-2]

General and Revenue Secretariat. | File No. | of 19

Serial No.

Orders.

RG 1/2/22 — [illegible] 1/2/22

Submitted for kind approval

RG 2/2/22

Secretary Member

Kindly approved

Dew

3.2.22 Secretaries

RG 3/2/22

405-5-25
2.2.22

23 To the Registrar, Ruhuna University
No 4221 Dated February 1922.

Requests to kindly depute Dr
M. A. Lampathkumaran to Belun
in connection with certain
examinations for the preservation
of documents [illegible]

Subj to the sec's
personal

RG 2/2/22

WG 2/2/22

From the Registrar, Ruhuna University
Letter No. 65/91/D/13.2.22.
States that the Vice-Chancellor

NOTE—Contn. sheet

4. R. S. III-2]

General and Revenue Secretariat. | File No. | of 19

Serial No.

Approval of Dr. Sampathkumaran's deputation to Belur & Alathur & provide part-time work in the College not interfere with work. with a draft letter for approval or orders.

15/2 23/2/22

Libd. 23/2

23/2/22

Draft approved

21.2.22 25/2/22

4428-S4
CO 2.22

25 To The Director of Industries & Commerce in Mysore

No: 411.48/1[illegible] Feb 25, 22.

Sir,

I am Copy of letter from the Registrar, Mysore University & requests to instruct the Industrial Chemist to go to Nedta in the matter

NOTE—Contn. sheet

14

Government Soap Factory, Bangalore.

S. G. SASTRY, ESQ., B.A., M.SC., (LOND.) F.C.S.,
INDUSTRIAL CHEMIST.

Office of the Industrial Chemist in charge of the
Government Soap Factory.

No. 153
ENCL.

Bangalore 19-8-21 192

Dear Sir,

Subject:- Preservation of images at Belur and Halebid.

Ref. Your office No. 644/Muz. dated 12-8-21.

I beg to inform you that a letter has been sent to British Museum London, requesting the favour of an opinion on the remedies ~~suggex~~ suggested by the Industrial Chemist and the reply from London is awaited.

In the meanwhile, I request you to kindly place Rs 500/= at my disposal for experiments to be conducted in this connection. Government sanction may kindly be obtained, if necessary.

I propose going to Belur and Halebid towards the end of ~~this~~ this month, for the purpose of selecting some deteriorated images for experimenting. The experiment will be duplicated at Bangalore also, and for this purpose one or two deteriorated images will have to be brought to Bangalore. Nothing will be dislodged from the temple proper. Old - images lying in the temple compound will be selected. If no such image is available, parts originally belonging to the temple and now lying over loose in the temple and also sufficiently decayed owing to weathering -

actions will be selected. I request that instructions may be issued t the Amildar to permit me to select deteriorated stones or images lying loose in the temple premises and to afford me facilities to have the same removed to Bangalore. There are some broken images lying in front of the traveller's Bungalow both at Halebid and Belur. Perhaps these will do my purpose.

During my last inspection of the temples I noticed some moss or lichen growing on some of the images. I would like to have the opini of Dr. M.A. Sampathkumaran (Prof. of Botony, Central College) concernin the nature of these growths. If you can kindly send a D.O. to Dr. Sampa Kumaran immediately, he can take the permission of the University and - perhaps be able to accompany me, for a joint inspection. He will be abl to take the microscope with him for an examination on the spot.

Yours Sincerely,

B. H. Gokhale

Industrial Chemist.

To

T.L. Jayarama Iyer, Esq., B.A., B.L.,

Secretary,

to Government Muzrai Department,

Bangalore.

B.B./R.

Proceedings of the Government of His Highness
the Maharaj of Mysore.

R e a d:-

Government Proceedings No. G.6045-105/G.. .19-17-8 dated 14th September 1920 laying down certain instructions for the preservation of ancient monuments in the State.

2. Correspondence ending with letter No. 153 dated 19th August 1921 from the Industrial Chemist in Mysore requesting that a sum of Rs. 500/- may be placed at his disposal to make certain experiments for the preservation of the figures in the temples at Belur and Halebid and that Dr. M.A. Sampathkumaran, Professor of Botany, -- Central College, may be deputed to help him in the experiments during his visit to Belur etc.

- - - - -

O r d e r No. 1514-7/Muz2-433-19-11

Dated, Bangalore, / September 1921.

Government are pleased to sanction a sum of Rs. 500/- for this purpose from the State Grant provided in the Muzrai Budget of the current year for repairs of Muzrai Institutions. The Comptroller is requested to place this sum at the disposal of the Industrial Chemist at an early date.

2. The Deputy Commissioner, Hassan District, is requested to issue needful orders to the Mildar/ concerned to give the Industrial Chemist all assistance in selecting specimens from among deteriorated images in the temples, and in removing them to Bangalore and generally in all matters pertaining to the experiments in question.

3. Separate action is being taken in the matter of the deputation of Dr. M.A. Sampathkumaran to help the Industrial Chemist in ~~xxxxx~~ conducting the experiments in question.

Secretary to Government,
Muzrai Department.

The Deputy Commissioner, Hassan District,

The Comptroller to Government,

~~The Director of Industries and Commerce in Mysore~~

The Muzrai Superintendent in Mysore,

The ~~Industrial Chemist~~ Director of Industries and Commerce in Mysore

No. 9 & 10 and Communicated to the Industrial Chemist

8 L

Proceedings of the Govt of H.H.
the Maharaja of Mysore

Read.--

Government Proceedings No. G.6045-105 G.M.194-17-8 dated 14th September 1920 laying down certain instructions for the preservation of ancient monuments in the State.

2. Correspondence ending with letter No. 153 dated 19th August 1921 from the Industrial Chemist in Mysore requesting that a sum of Rs.500/- may be placed at his disposal to make certain experiments for the preservation of the figures in the temples at Belur and Halebid and that Dr. M.A. Sampathkumaran Professor of Botany, Central College, may be deputed to help him in the experiments during his visit to Belur etc.,

---

Order No. 1514-7
Finance 133-18-16
Dated, Bangalore, 20-9-1921.

Government are pleased to sanction a sum of Rs. 500/- for this purpose from the State Grant of the current year (Provided in the Finance Memorandum). The Comptroller is requested to place this sum (provided in the Memorandum) at the disposal of the Industrial Chemist at an early date.

2. The Deputy Commissioner, Hassan Dist is requested to issue needful orders to the Amildars concerned to give the Industrial Chemist all assistance in selecting specimens among deteriorated images in the temples, and in removing them to Bangalore and

and ~~finally~~ finally in all matters of the experiments in question.

3. Separate action is being taken in the matter of the deputation of Dr. M.A. Sampathkumaran to help the Industrial Chemist in conducting the experiments in question.

Secretary to Government,
Mysore Department.

To

The Deputy Commissioner,
Hassan District,

The Comptroller to Govt.,
The Director of Industries & Commerce in Mysore
The Mysore Superintendent,

The Industrial Chemist.

20

1290

TELEGRAPHIC ADDRESS "INDUSTRIES"

In reply please refer to
No ...OC...821

21 22

Impran

433-11-17

Urgent
CC 28/9/24

ENCL. No. 3

OFFICE OF THE
DIRECTOR OF INDUSTRIES AND COMMERCE, IN MYSORE.

Bangalore 26th Septr: 192 1.

FROM

C. S. BALASUNDARAM IYER, Esq., B. A.,
Offg. Director of Industries and Commerce in Mysore,
Bangalore (India).

To

T. E. JAYARAMA IYER, ESQ., B.A., B.L.,
Secretary to Government, Muzarai Department,
Bangalore.

SIR,

I have the honour to enclose herein a copy of the letter ---- which I addressed to the British Museum on the subject mentioned in the etc. The Industrial Chemist to the Department suggested applic a varnish made out of the nitrates and acetates of cellulose. Dr. Scott, Consulting Chemist to British Museum approves of the acetate of cellulose and has also in addition suggested another varnish which is sold under the proprietary name of "Duroprene". Mr. S. G. Sastry wants to conduct certain experiments with the two varnishes. One set of experiments will be made at Bellur and Mr. Sastry will set of experiments at Bangalore for a closer observation of the effects. He visited Bellur and had to make an inspection and he has selected some images lying about the temple yard and has shown them to the Amildar. The Amildar has promised to send despatch them to Bangalore as soon as he receives an order on subject. I request that arrangements may kindly be made to have the selected images sent over to Mr. Sastry as early as possible.

(2) Washing of the Pearl Jewellry in the temples:-

Mr. Sastry reports to me that during the Jewellry inspection at Chamarajnagar on September 12th and 13th, he was able to fully demonstrate to you the cleaning of pearl necklaces [illegible]

containing more than 850 pearls). He will undertake to clean all the pearl jewellry of all the four temples, (Nanjangud,Chamarajanagar, Melkote and Srirangapatam) if ordered to do so. The cost of cleaning may not go beyond a hundred rupees.

As for the renovation of the lustre of the pearls Mr.Sastry feels that exhaustive experiments ought to be conducted in the laboratories before any one process can be recommended.

I have the honour to be,

Sir,

Your most obedient servant,

V.V.Balasundaram

Offg: Director.

KGG

B.V.

Copy of the letter No.1841 dated 25th July 1921.

22

From

C.S. Balasundaram Iyer, Esq., B.A.,
Offg. Director ofIndustries & Commerce
in Mysore, Bangalore.(India)

To

The Officer in charge,
Archaeological Section,
British Museum, London W.C.

Sir,

I have the honour to inform you that some of the carved images in the Hoyisala temples at Belur and Halebid (Mysore State, India) show signs of disintegration due to the action of the weather. The Government of Mysore are anxious to preserve these exquisite carvings from further decay.

The stone that has been used for the carved temples at Belur and Halebid is what is locally known as Potstone (vernacular name Balapadakallu). Petrographically it falls under the class of rocks - called the " ULTRA-BASIC-ROCKS" and in particular to the variety of altered pyroxenites. It is one of the members of the Dharwar Schist formation and as such of great geological antiquity. It is massive, homogeneous and even grained, very tough and soft and admirably - adopted for decorative work. The colour of the stone varies from Greenish-grey to a bluey grey and the worked stone presents a dull sombre grey. The stone takes a high grade polish. It is said to stand the weather well and consequently the weathering now noticed must have been slow.

The Chemical Composition of this stone is given in the enclosure

To prevent further decay, it has been suggested that the images should be coated with some sort of paint or varnish, which will not act on the stone of the image, which will form thin elastic layers, strong enough to withstand the pattering of the raindrops, impervious to moisture, not acted upon under the combined influence of air,

moisture and sunlight. In addition the varnish should be capable of forming a waterwhite(or colourless) transparent film, and it should possess a high refractive index.

It is proposed to make a few experiments on one or two isolated images. Before doing so, it struck me that the British Museum may have some information regarding the subject and hence I take the liberty of addressing you in the matter. I request you to kindly let me know if you have any suggestions to offer so that we can make experiments here. I need not detail the obvious advantages of conducting such an experiment.

The Industrial Chemist attached to this Department, who was consulted in the matter, says the only paint or varnish that will answer for the purpose will be the one prepared out of Nitrates and acetate of Cellulose. In a dilute condition such varnishes are used in the playing card industry to coat the playing cards. Cellulose nitrates and acetates are used extensively in coating Aeroplane wings. The makers of tin ware (like tin boxes, Toys & Etc.) use a kind of varnish on their coloured designs before the tin is put under the Press. This varnish protects the colour and is able to withstand the enormous strain in the press. May I request you to kindly oblige me with your valuable opinion and suggestions in the matter?.

A description of the Hoysala Temples at Belur and Halebid will be found in Fergusson's treatise on Indian Architecture.

If it should happen that quite a different officer in the Museum handles the subjects like the one under discussion, I shall be obliged to you if you can transfer the enquiry to the correct place.

A duplicate copy of this letter will be sent by a subsequent mail

I have the honour to be
Sir,
Your most obedient servant,

(Sd.) C.S. Balasundaram Iyer.

Offg. Director of Industries
and Commerce in Mysore,
Bangalore.

British Museum,
London.
August 20th 1921.

" COPY "

25

24

Copy of letter dated the 23rd August 1921, from the Department of Ceramics and Ethnography, British Museum, London, W.C.1 to the Director of Industries and Commerce in Mysore, Bangalore.

I have discussed the matter of your Hoyisala Sculptures with Dr. A. Scott, ~~our~~ Consulting Chemist. I asked him to favour me with a report on the subject, and I enclose a copy of his letter. You will see that he recommends a varnish either of acetate of Cellulose or of "Duroprene". The latter is manufactured by the United Alkali Co Widnes, and sold by A.E.Davis Ltd., 21/39 Maguire Street, Liverpool. I have employed cellulose varnishes, applied in a spray, to many objects of wood, stone and pottery, with the best results. Duroprene I have not used, but Dr. Scott has made satisfactory experiments with it.

British Museum,
London.
August 20th 1921.

" COPY "

25

Dear Mr. Joyce,

It is somewhat difficult to advise what should be done to preserve the carved images in the Hoyisala Temples without a - specimen of the stone employed and also some idea of the nature of the weathering.

Varnishes composed of either the nitrates or acetates of cellulose might do very well especially if the nitrate were used in the form of "Celluloid", dissolved in equal volumes of acetone and amyle acetate of about 2 to 3 per cent strength. The presence of the nitrate group may have a deleterious effect with a high temperature and very brilliant sunshine upon a stone containing much magnesia. Acetate of cellulose dissolved either in acetone or in methyl-ethyl-ketone gives a very transparent skin which adheres well and may stand r rain, moisture and sunshine very well.

A very elastic and strongly resistant varnish called - "Duroprene" would probably resist weather and sunshine better than either of the above. It is made, I believe, from a derivative of India rubber and is now on the market as a protecting varnish for metals in acid atmospheres. I have been testing it for some months and find it very durable and wonderfully resistant to acid and atmospheric actions and chemical fumes.

If the stone is at all porous it might be advantageous to apply a wash of sodium silioate solution before any of the above varnishes are put on. This, of course would only be done when the sodium silioate was thoroughly dry.

The only objection to "Duroprene" is that it is faintly - coloured but in the thin layer which would be applied the colour would be quite inappreciable.

Yours very truly,

Sd. Alexander Scott.

S.D./R.

24

Muzrai Secretariat,

Dated Bangalore, November 1921.

D.O.No. 2483

My dear Sir,

In his letter No.O.C.851 dated the 26/28th September 1921, Mr.C.S.Balasundaram Iyer, the then Offg: Director of Industries and Commerce, requested Government to direct the Amildar of the Belur Taluk to send you the carved images selected by you for experimental purposes. I am to request to be informed whether you still require any orders in the matter, or whether the order of the -- 20th September 1921 of which you must have received a -- copy meets your requirements.

An early reply is requested.

Yours sincerely,

To

S.G. Sastry Esq., B.A., M.Sc., F.C.S.,

Industrial Chemist in Mysore,

BANGALORE.

G. R. S. VI—G/32]

SUBJECT.....

Diary No. of letter replied to 1290

Section Imprs
File No. 433-19.
Serial No 15

General and Revenue Secretariat
(VII)
191 .
, the

D.O No.

To The Industrial Chemist
in Mysore, Bangalore

Date of issue

Signed by

My dear Sir,

In my letter no 0 c 83
dated the 26/28th Septr
1921 from C.S Balasundaram
Iyer, the then offg Director of
Industries and Commerce,
requested Govt to
the Annadan of the Belur,
~~to arrange~~ to send a

over.

the Carved images ~~selected~~
~~for the Sculptured~~ ~~and Statued temples~~ selected
by you for experimental purposes
Your visit to the place in-
~~quest~~ last ~~and by request~~
~~you~~ enquire whether
~~You~~ it is still necessary
to issue an order to the
Guildsmen in the matter of
the Belur temple, the order dated
20th Sept 1921 meets the
present requirements.

Yours Sincerely

I am Request
to be informed whether
you still require
any orders in ~~the~~
~~respect of the~~
~~Belur Temple~~, or
whether the order of which I sent you a copy on the 20th Sept 21 meets
your requirements.

An Early reply will
~~help~~ oblige

~~List of~~ enclosures:-

BG 12/11/21

To
S G Saxby Esqre

Copied by

Examined by

Memo No 2392

Dated 18-11- 1921.

From

The Superintendant,
Government Soap Factory,
BANGALORE.

D.O. No.

My dear Sir,

Ref: Your D.O. No.3483/ Muz.
133-10-13.

I have not yet received the images here. I sent a D.O. to the Deputy Commissioner requesting him to kindly instruct the amildar to expedite the matter. I expect the chemicals anyday from England as the firm have advised me that they have shipped the consignment. Perhaps a D.O. from you to Deputy Commissioner may help the matter.

Yours sincerely

T.E. Jeyaram Iyer, Esq.,
B.A., B.L.,
Offg: Muzrai Superintendent,
Bangalore.

S../S.

G. R. S. VI—G/32]

SUBJECT.....

.....

.....

Diary No. of letter replied to 2058

General and Revenue Secretariat

( )

, the 191 .

Date of issue 23-11-21

Signed by Mr. V. B. [illegible]

Section Industries

File No. L 553-18

Serial No. 11

19

D.O.No. 2625

To The Dy Comm^r,
Hassan D^t.

Dear Sir.

(Ref^ce Paragraph 2 of G.O
No 1514-7/Industries 433-18-16
dated 25th Sept^r 1820.)

The Industrial Chemist
reports that he has not
yet received ~~Certain~~
Carved images selected
by him ~~for experimental~~
~~purposes~~ ~~vide Appendix~~

over.

from the Gudda, Belur, Certain

Hale legde from the
for the purpose
Assistant of the Bellary
Salaks. As the
Operations have to be conducted without loss of
required to be at
Bellary Bangalore, I am
to request you to kindly
issue the necessary
instructions immediately
to that officer to
instruct their detailed the Guards
to the Industrial Chemist
immediately
as early as practicable Each

Yours Sincerely

[illegible]
19/11/17

List of enclosures.

To

B Venkobarao Esqr B.A
Dy Comm, Bellary

Copied by

Examined by

[illegible]
17/11/17

INDUSTRIES"

In reply please refer to
No. G.C 306.

4.22
Muz.
433-19-21

ENCL. No.

OFFICE OF THE
DIRECTOR OF INDUSTRIES AND COMMERCE, IN MYSORE.

Bangalore 12th January *192* 2.

1/22

FROM

P. G. D'SOUZA, ESQ., B.A., B.L.,
Director of Industries and Commerce in Mysore,
Bangalore (India)

To

The Secretary to the Government of Mysore,
Muzarai Department,
B a n g a l o r e.

SIR,

Ref: Order No: 1514-7/Muz.433-19-16 Dated 20-9-1921.

With reference to the above, I have the honour to inform you that the Industrial Chemist reports to me that some of the Chemicals ordered out from England are on their way to India and are expected to arrive in Bangalore about the 3rd week of January 1922.

The method of procedure that will be adopted by the Industrial Chemist will be as follows:- In each of the places, viz., Belur and Halebid, four images most exposed to weather influences will be selected and cleaned carefully. No rough brush or material likely to scratch the polished surface of the image will be used. After cleaning it the images will be washed once with water and allowed to dry. The next day the varnishes obtained from England will be evenly spread on the images so as to produce a thin elastic and transparent film on the objects thus quoted. The images will be examined once every three months and the effect of the weather on these films will be noted down.

A duplicate set of experiments will be carried on at Bangalore and the effect of varnishes on those images will be watched and

recorded

recorded every week and the results obtained in Bangalore will be compared with those obtained at Halebid and Belur.

The original idea of the Industrial Chemist was to apply cellulose acetate dissolved in acetone and this method has been adopted at the British Museum. Dr. Alexander Scott, F.R.S., the Consulting Chemist to the British Museum has also recommended the use of "Duroprene This along with another American Preparation will be tried simultaneously with the first one and by this means one will be able to get data on the comparative merits of the three different chemicals employed.

The Industrial Chemist when he last visited Belur and Halebid selected a few deteriorated images lying loose in the temple enclosures of Belur and Halebid. The Amildar of Belur promised to have them sent over to Bangalore but they have not yet arrived in Bangalore. Arrangements may kindly be made to expedite the despatch of the selected images to Bangalore.

I have the honour to be,

Sir,

Your most obedient servant,

DIRECTOR.

B.V./2.

34

G. R. S. VI—G/32]

SUBJECT.....

.....

.....

Diary No. of letter replied to.....

GENERAL AND REVENUE SECRETARIAT

)

, the *191* .

Section 4, (2)

File No. 133-(7

Serial No. 22.

No. 5921

Date of issue 2nd Jan 21

Sent by Mail T.S. Jan 21

To

Dear Mr. Subba Rao,

When I was at Bellary last month you told me that the images selected by the Industrial Chemists for experimental purposes had been sent to Bangalore. The Director of Industries & Commerce writes to me in his letter of 12th January that the images have not yet arrived in Bangalore and that the Chemicals ordered from England are expected by the [illegible]

were ready for despatch

over.

I shall be obliged if you will kindly let me know the cause of Meiston's arrival at Barcelona if he has been already despatched. As experiments have to be conducted with such loss of time, I request that Mr. Meiston's images, if not already sent, may be despatched immediately and the fact intimated to me.

Yours sincerely,

[illegible]

List of enclosures.

Copied by

Examined by.

G. R. S. VI—G/32]

SUBJECT.....

.....

.....

.....

Diary No. of letter replied to.....

General and Revenue Secretariat

( )

, the 191 .

Date of issue.....

Signed by.....

(Sd) Illegible 11/9/22

4177-147.

9.2.22.

Approved

Sd

10.2.22

Sd Illegible 11/9/22

Enquiry

Section

File No.

Serial No.

No. 4397 dated 9.12.21

To

The Executive Engineer,

Nasrau Wn.

Sir,

I have the honour to forward herewith copy of a report received from the Architect of the Belur Mt about the transmission of a few moulded images of the Kalebid temple for experimental purposes and to request that as the necessary Chemicals have already been supplied as the case is

over.

37

have to be conducted immediately,
necessary instructions may be
issued to the workmen at
the temple to ~~[illegible]~~ allow
the Chemist to remove the
images ~~[illegible]~~ already placed
by the Industrial Chemist.
2. The favor of very early
action is requested.

Thanking,

Yours etc.,

(BR) 9/2/22

Asst. Engr.

13-2 9-2-22

Copy to Mr. Amildar, Belur Dn,
with ref. to his report No. 142 dt.
31.1.22.

List of enclosures.

Asst Engr
9.2.22

Asst Engr
9-2-22

Copied by

Examined by

ಸಂಖ್ಯೆ ಕೆಎಸ್‌ಆರ್‌ಟಿಸಿ/ಕೇಂದ್ರ ಕಛೇರಿ/ಆಡಳಿತ/ಎ ಕ ಸಿ ನಂ 3740 26 1 22 ದಿನಾಂಕ: 24-12-22

ಇವರಿಗೆ

ಸಹಾಯಕ ಕಾರ್ಮಿಕ ಆಯುಕ್ತರು (ಕೇಂದ್ರ)
ಬೆಂಗಳೂರು

ಮಾನ್ಯರೇ,

ವಿಷಯ: ಕೈಗಾರಿಕಾ ವಿವಾದಗಳ ಕಾಯ್ದೆ 1947 ರ ಕಲಂ 33(2)(b) ರಡಿ ಅನುಮತಿ ಕೋರಿ ಅರ್ಜಿ ಸಲ್ಲಿಸುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: ಕೈಗಾರಿಕಾ ವಿವಾದಗಳ ಕಾಯ್ದೆ 1947 ರ ಕಲಂ 33(2)(b) ರಡಿ ಅನುಮತಿ ಕೋರಿ ಅರ್ಜಿ ಸಲ್ಲಿಸುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖಿತ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ಈ ಕಛೇರಿಯ ಪತ್ರ ಸಂಖ್ಯೆ ಕೆಎಸ್‌ಆರ್‌ಟಿಸಿ/ಕೇಂದ್ರ ಕಛೇರಿ/ಆಡಳಿತ/ಎ ಕ ಸಿ ನಂ 3740 26 1 22 ದಿನಾಂಕ: 24-12-22 ರಲ್ಲಿ ಕೋರಿರುವ ಅನುಮತಿಯನ್ನು ಈ ಕೆಳಕಂಡ ಷರತ್ತುಗಳಿಗೆ ಒಳಪಟ್ಟು ನೀಡಲಾಗಿದೆ.

1. ಅರ್ಜಿಯಲ್ಲಿ ಕೋರಿರುವ ಎಲ್ಲಾ ಸಿಬ್ಬಂದಿಗಳಿಗೆ ಅನುಮತಿ ನೀಡಲಾಗಿದೆ.
2. ಅರ್ಜಿಯಲ್ಲಿ ಕೋರಿರುವ ಎಲ್ಲಾ ಸಿಬ್ಬಂದಿಗಳಿಗೆ ಅನುಮತಿ ನೀಡಲಾಗಿದೆ.
3. ಅರ್ಜಿಯಲ್ಲಿ ಕೋರಿರುವ ಎಲ್ಲಾ ಸಿಬ್ಬಂದಿಗಳಿಗೆ ಅನುಮತಿ ನೀಡಲಾಗಿದೆ.
4. ಅರ್ಜಿಯಲ್ಲಿ ಕೋರಿರುವ ಎಲ್ಲಾ ಸಿಬ್ಬಂದಿಗಳಿಗೆ ಅನುಮತಿ ನೀಡಲಾಗಿದೆ.
5. ಅರ್ಜಿಯಲ್ಲಿ ಕೋರಿರುವ ಎಲ್ಲಾ ಸಿಬ್ಬಂದಿಗಳಿಗೆ ಅನುಮತಿ ನೀಡಲಾಗಿದೆ.
6. ಅರ್ಜಿಯಲ್ಲಿ ಕೋರಿರುವ ಎಲ್ಲಾ ಸಿಬ್ಬಂದಿಗಳಿಗೆ ಅನುಮತಿ ನೀಡಲಾಗಿದೆ.
7. ಅರ್ಜಿಯಲ್ಲಿ ಕೋರಿರುವ ಎಲ್ಲಾ ಸಿಬ್ಬಂದಿಗಳಿಗೆ ಅನುಮತಿ ನೀಡಲಾಗಿದೆ.
8. ಅರ್ಜಿಯಲ್ಲಿ ಕೋರಿರುವ ಎಲ್ಲಾ ಸಿಬ್ಬಂದಿಗಳಿಗೆ ಅನುಮತಿ ನೀಡಲಾಗಿದೆ.
9. ಅರ್ಜಿಯಲ್ಲಿ ಕೋರಿರುವ ಎಲ್ಲಾ ಸಿಬ್ಬಂದಿಗಳಿಗೆ ಅನುಮತಿ ನೀಡಲಾಗಿದೆ.
10. ಅರ್ಜಿಯಲ್ಲಿ ಕೋರಿರುವ ಎಲ್ಲಾ ಸಿಬ್ಬಂದಿಗಳಿಗೆ ಅನುಮತಿ ನೀಡಲಾಗಿದೆ.

ಕೆ. 31-1-22

ಎಸ್

D.O.

4)32 Lr dtd 27

Dear Sir, my 433-99-

Q-28-2-22

With reference to your report No. 147 dt 31.1.22, I have the Copies of letter No. 129 D/21.2.22 together with a Copy of its enclosure received from the Ex. Engineer, Karaikal Dn. and request that in view of the ~~proposition~~ ~~from the~~ Ex. orders issued to the watchmen of the Kalahasteeswara temple, the images selected by the Industrial Chemists may be arranged to be sent to him without further delay and the facilities intimated to me.

Yours sincerely,

Dtd) 27/2/22

Secy 25/2/22

To.

The Asst. Director of Archaeology,
Southern Circle,
Madras.

3503

Office of the Executive Engineer
Hassan Division

N. 22

Hassan, 20th Feb: 1922

Rec
22-2-22
ans!

From

K. Narain Iyengar, Esqr. B.A. C.E.
Executive Engineer
Hassan Division

To The Muzrai Superintendent
in Mysore
Bangalore.

Lib. for personal. Write a draft to amildar
Chg Eby
25-2-22

Sir,

In reply to your No 4399 dated 11th Feb 1922, about the transmission of a few mutilated images of the Halebid temple for experimental purposes, I have the honor to state that necessary orders in the matter have already been issued to the No 2 D.P.W. Sub Divn officer at Sakleshpur in this office No 60 of 6-2-22. Copy of my reply to the Deputy Commissioner Hassan District in D.O No 7 of 6-2- on the subject is enclosed for your information

I have the honor to be
Sir,
Your most obedt Servt

Executive

Commissioner Hassan District

I am in receipt of your D.O. No 275-2(
of the 6th instant. It is true that the
Taluk maistry in charge of the temple
at Halebid had been strictly ordered
not to allow any of the images to be
removed from the temple premises pending
previous reference to this office. He has
now been ordered to permit the removal
of images selected by the Industrial
Chemist for purposes of experiment

"Copy."
K. Narasimha Iyengar
Executive Engineer
Hassan

20-2-22. 21/2/22

Belur once or twice and the total period

4-2-22

The Registrar,

Mysore University, Mysore.

Sir,

I am directed to state that the Government have asked the Industrial Chemist in Mysore to conduct certain experiments in the matter of the preservation of the images in Belur and Halebid in the Hassan District. The Industrial Chemist states that the walls of the temples are overgrown with moss and rank vegetation and that he requires the help of Dr. M.A.Sampathkumaran, Professor of Botany, Central College, a certain Botanical experiments have to be made. Dr. Sampath Kumaran may have to go to Belur once or twice and the total period for which his services are required at Belur may not exceed four days. I am therefore to request you to kindly arrange to depute Dr. Sampathkumaran to Belur for a joint inspection of the temples with the Chemist and to carry on the necessary experiments.

Yours etc.,

Rees
3.2.22

Joint Secretary to Government

By order,

No. 6591

Office of the Mysore University,

Dated Mysore, 3rd February 192

3361

From

V. SUBRAHMANYA IYER, Esq., B.A.,
~~Offg.~~ *Registrar, Mysore University,*
Mysore

433-19-24

To

T.N. Jayarama Aiyar, Esq., B.A., B.L.,
Secretary to the Government of His Highness
the Maharaja of Mysore, Mysore Department,
Bangalore.

Sir,

With reference to your letter No. [illegible] dated the 4th instant regarding the deputation of Dr. Sampathkumaran, to assist the Industrial Chemist in certain botanical experiments at Belur, I am directed to state that the Vice-Chancellor approves of the proposal provided the work does not interfere with Dr. Sampathkumaran's work at the Central College and that the Principal, Central College has been addressed in the matter accordingly.

I have the honour to be,
Sir,
Your most obedient servant,

V. Subrahmanya Iyer
Offg

GBPM—2,000—25-4-20

4664 Mrs

Mug 433-19-25

To

The Director of Industries and
Commerce in Mysore.

Sir,

I am directed to forward herewit a copy of letter No.6591 dated 13th Feb 1922 from the Registrar of the Mysore University, regarding the deputation of Dr. Sampathkumaran for making a joint inspection of the temples at Belur and Halebid and for conducting some botanical experiments and to request you to b so good as to instruct the Industrial Chemist to do the needful in consultation with Dr. Sampathkumaran.

I have etc.,

Secretary to Government,
Muzrai Department.

GKV